

# Electricity Can and Will Do Most Anything



## Electric Lighting FIXTURES

For  
Home-Building, Store or Factory  
Housewiring

**E. Thoma**

119 W. Monroe St. Phone 1418

## Electricity Always On The Job As Constant Home Help

In the kitchen of a great hotel, some one throws a switch and with amazing swiftness, potatoes are peeled, meat chopped, eggs whipped, ice made, cut and chipped, ice cream frozen, chops broiled, toast made, dishes washed—all by electricity.

Somewhere upon the broad sweep of ocean, a dreadnaught majestic and mighty, hurls itself with its thousands of tons through the waves propelled by the force of electricity.

Up in the sky, an airplane darts the heavens to it electricity is the spark of life in the engine and the one tie that links earth and sky.

In the home, to the housewife busy at her sewing or cleaning or laundry

work, electricity is convenience and freedom from toil.

Such is the marvel of electricity, that while scarcely more than 20 years ago, it was but an imperfect means of illumination—nothing more—today it is doing countless important tasks wherever wheels turn.

Electricity has an almost unlimited range of usefulness in every field of human activity and none is more vital to the comfort and happiness of the human race than in its application to the multitude of household tasks.

All the old hard tasks of cooking, cleaning, sewing, all laundry work are now done electrically with ease and freedom from the former drudgery that characterized such tasks.

"It will be impossible for me ever to return to the old way of work. I shall equip my home with these helpful new appliances just as soon as possible. I have never seen housework done so easily and so efficiently."

## THIS STORY MAY SHOCK SOME, BUT NOT WISE ONES

This story will be shocking to folks who think what was good enough for their grandparents is good enough for them. They stand in as great a contrast to the Wise family as a tiny candle does to the most powerful electric light. When Mr. and Mrs. Wise started housekeeping, they decided that they would not depend upon household helpers of the human variety, but rather upon practical appliances that they could have and keep as their very own. This is the story of a guest in their home.

Upon arriving Mrs. Guest found that through careless packing her gown was badly crumpled. "Don't fret," said Mrs. Wise, "that is easily remedied," and attaching the electric iron which heated in three minutes, the dress was soon pressed. That night upon retiring the guest was surprised and pleased to find that the chill had been taken off the sheets by an electric heat pad. In the morning when she awoke, the room seemed a trifle cold so she turned on an electric heater which she found in a corner.

That morning Mrs. Guest had the pleasure of eating an electric breakfast which means a nice hot meal cooked right at the table. The coffee percolated while the toast was made hot and crisp on the electric flip-flop toaster. The bacon was broiled in the lower pan of an electric grill while creamed potatoes cooked on top.

At luncheon time Mrs. Wise with the ever ready help of an electric chafing dish concocted some appetizing dishes which elicited the praise of her guest. After luncheon, Mrs. Wise prepared and put the dinner including a steamed fruit pudding into the electric fireless cooker turned on high heat for 40 minutes, then left the automatic clock to take care of dinner on low heat while she and Mrs. Guest went shopping.

In the evening when they returned all that was necessary was to remove the dinner from the cooker and place it on the table. It was well cooked without constant watching and it was so good that Mrs. Guest exclaimed:

## ELECTRIC IRONER HAS NEW PROBLEM

Ironing out the coddling moth with an electric ironer seems a strange use for such apparatus intended strictly for the laundry, but the California Walnut Growers' association has found it to be a very successful means of ridding walnut sacks of this pest.

Credit is due to Mr. D. B. Mackie of the California commission of horticulture, who hit upon the idea of using the electric ironer to sterilize the walnut sacks.

The ironers in use have 46-inch rolls, driven by one-eight horse-power motor. The ironing shoes are electrically heated, consuming 4,000 watts. It has been found that two girls can run 300 in one hour through the ironer making a cost of .0065 per sack for current. There are 34 ironers in operation at the present time and by another season this number will be greatly increased.

The packing houses of California open up a large field for the use of electricity, as every branch of the industry has the problem of sterilizing sacks, lug boxes, containers against fungi and the many different insects that prey upon fruit and orchards. The coddling moth has been the direct cause of as much as 40 per cent of the yield of some orchards being sold as culls and in one packing house the labor cost \$250 per day to cull out infected nuts.

**Economy of Electric Drive in Ships**  
A comparison of performance of the motive power of the "New Mexico" with that of other battleships shows marked economy in favor of the electric drive. Thus at 12 knots' speed the consumption in tons of oil per day was for the "New Mexico" (electric drive) 75 tons, as compared with the "Arizona" for her cruising turbines 115 tons and main turbines 118, and for the "Mississippi" for her cruising turbines 99 tons, and for her main turbines 115 tons of oil per day. At 15 knots the consumption of the "New Mexico" was 263 tons, of the "Mississippi" main turbines 305 tons, and of the "Idaho" main turbines, 310 tons per day.

**Searchlights and Motion Pictures**  
The remarkable night scenes that have now become quite commonplace in American photoplays are due in large measure to the use of powerful searchlights. In fact, the development of high efficiency searchlights for military purposes led to the introduction of this means of illumination and it is held by many film men that the day is not far distant when one or more powerful searchlights will replace the vast batteries of arc lamps or mercury-vapor tubes now employed for illuminating the photoplay sets.—Scientific American.

**How the Heating Pad Helps**  
In many homes the hot water has been for years the panacea for pain, but recently something better has arrived to take its place—the electric heating pad. First of all, it has dry heat and it is light in weight. It is flexible and easily wrapped around the youngster's cold feet, as it snugly into grandfathers' aching back. It has a controlled temperature, instead of being first too hot and finally cold, the heat pad may be warm, warmer, warmest and it will maintain the desired temperature.

The best hot water bottle is bound to leak sooner or later. It's the very nature of rubber to harden, crack, then leak. The pad is ready almost instantly. All you have to do is to take the pad from its box, attach the cord to nearest lamp socket or convenient outlet and apply to spot.

This is what you have to do if you use a hot water bottle. First, find the bottle, fill the kettle and heat the water, fill the bottle, perhaps scalding your fingers, surely spilling some, dry the outside of the bottle, wrap it in a wooden cloth because it is nearly always too hot at first, apply it as best you can to aching back or lame shoulder. Repeat the heating, filling, wrapping process as fast as it cools. A heat pad will outlast several hot water bottles and it is cheaper in the end. It is the thing you want in case of sudden chill, pains, aches, neuralgia for the quick relief which it gives.

**FASHIONS IN LIGHTING**  
In the old days of lighting chandeliers were put to rest. They were considered as permanent part of the house as the fireplace or the kitchen sink. They were called "lighting fixtures." Walls might be repapered, decorations and hanging made over in newer styles, but the ugly chandeliers, with their dust-catching whirligigs and spangles remained unchanged during the march of time. Even after the advent of electricity, folk continued to look upon the lighting fixtures as something fixed.

But Dame Fashion in collaboration with the scientists and illuminating engineers who are constantly making improvements in electric lamps, has now taken charge of the lighting business. She has given us fashions in lights, just as we have fashions in hats and gowns. Lamp shades change from year to year and from season to season. Presumably we may see wavered, "the latest spring creations in boudoir lights."

However do not be alarmed, the shifting styles in lighting equipment have come as a steady improvement and economy of electric lamps. Each change means that the householder will have more or better lights or cheaper light, and frequently such a change means all three.

**TAKES ACID FOR SALTS**  
AKRON, O.—Frank Schmidt drank oxalic instead of Essom salts. He may live.

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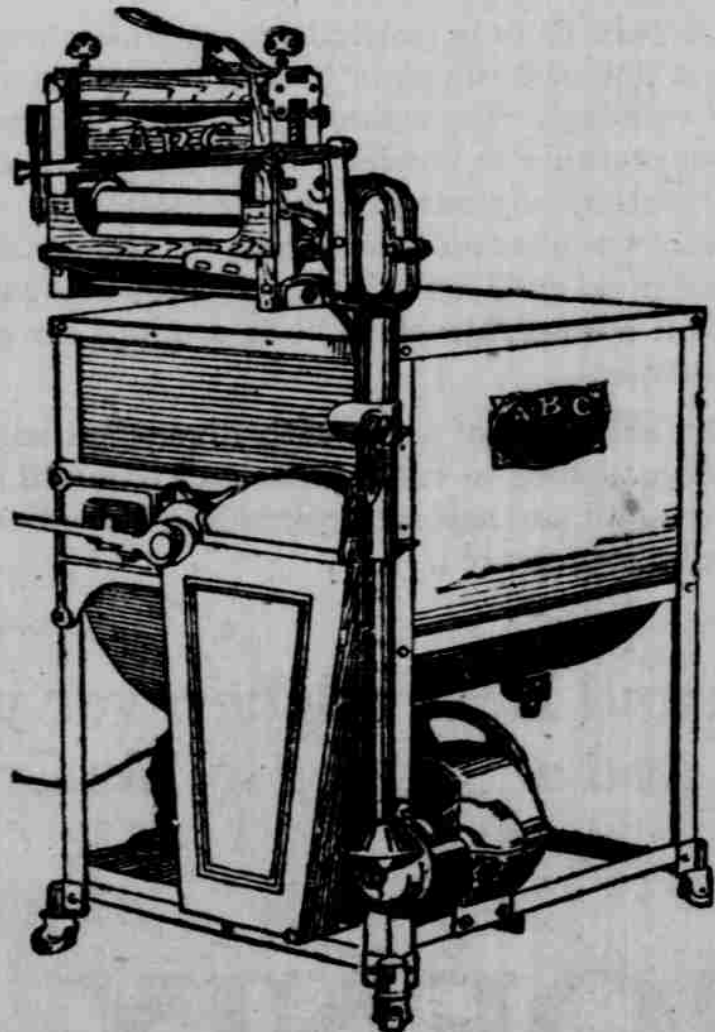
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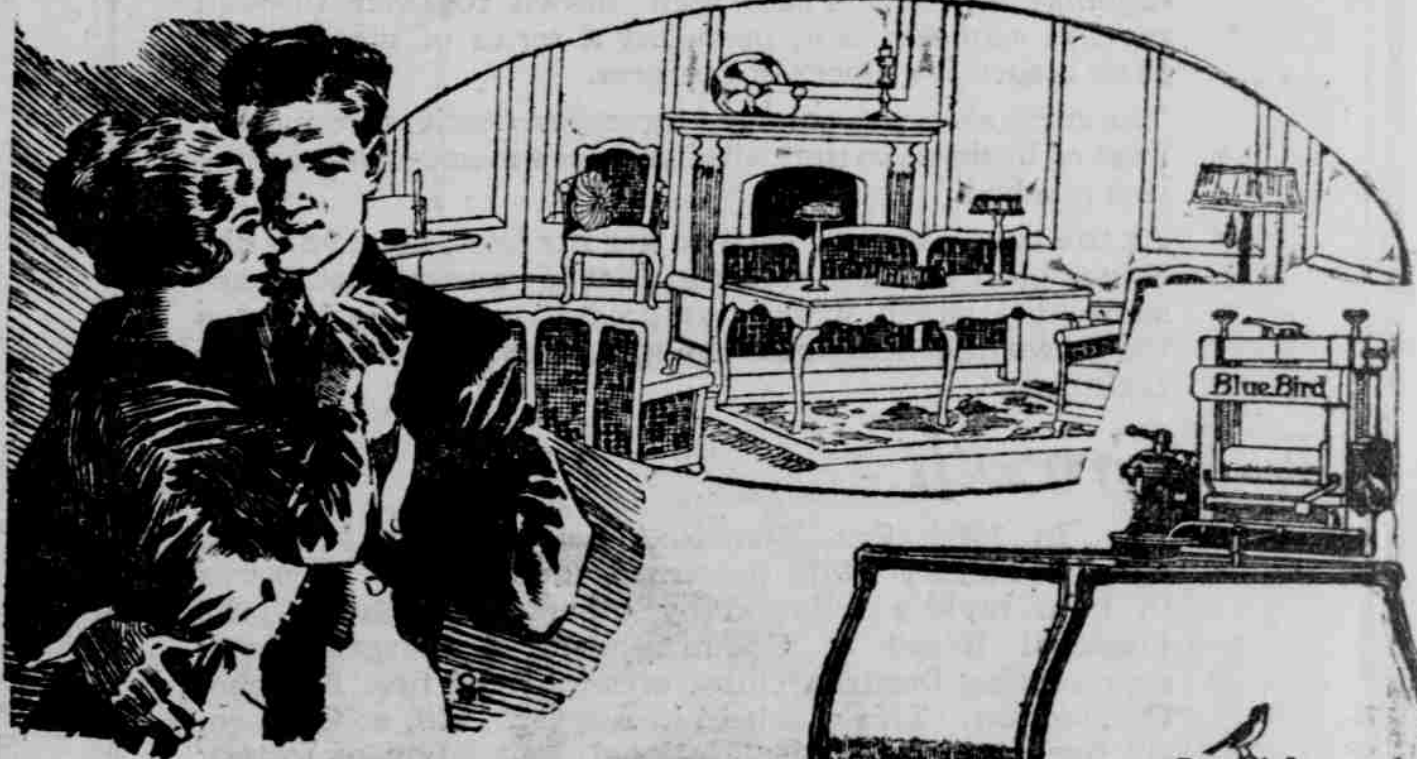
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